

THE SCIENTIFIC REPORTS OF KYOTO
PREFECTURAL UNIVERSITY
HUMAN ENVIRONMENT AND AGRICULTURE

No. 56

CONTENTS

HUMAN ENVIRONMENT

KOZO OHTSUKI, AKIKO MATSUO, HIROMI OBARA, MARIKO MIYATA, TERUMI MURANISHI, KENJI SATO and YASUSHI NAKAMURA Separation analysis of some food constituents and purification of enzyme in food by liquid chromatography	1
CHIEKO NISHI, ASUKA MORIKAWA, AKANE HIGASHI, YASUHIRO KIDO and JUNKO IKEDA Health education for improving bone mass in female university students : randomized controlled cross—over trial	9
CHIKANOBU MATSUBARA Relationship of averaged full-wave rectified value of vertical acceleration waveform at the center of body gravity between walking and running	17
TAKAMINE KUROMITSU, YOHSUKE ONO and REIKO MACHIDA A study on for enabling cooperation of the school and community in a high school	23
TOMOKO IJIRI, KOICHIRO NISHIO and HIROYUKI MIZUNO Study on space for living and way of living for the mental retarded —focusing on Branch Homes as an intermediate home—	31
SATOKO MUKOHATA, MIYUKI HAYATA, KOICHIRO NISHIO and HIROYUKI MIZUNO Basic study on the prevention and countermeasures of troubles of housing refurbishment related to nursing care insurance (Part2) —From findings of questionnaire surveys on the consumer senter—	37
YOSHIKAKI YAMATO YOSHIHITO KURAZUMI, TAKAYUKI TORII and NAOKI MATSUBARA Field research on volatile organic compounds in single room apartments in Kyoto city	43
RIE MORI Living conditions of a military policeman during the colonial war in Taiwan	51

AGRICULTURE

PANUMART RITHICHAI, YUKIHIRO FUJIME, SUTEVEE SUKPRAKARN, SATOSHI TERABAYASHI and SHUICHI DATE Morphological properties of flower and fruit in okra (<i>Abelmoschus esculentus</i>)	67
MITSUHIRO SASAKAWA A revision of Melanesian Agromyzidae (Diptera)	75
GUOQING GAO and TAICHI KITAGAWA A study on the historical progress of vegetable producing areas and the role of precooling equipment in Nagano prefecture —Suggestions on the modernization of fruit and vegetable markets in China—	101
HARUNA HAYASHI and TOHRU TOMINAGA Effects of mowing on levee flora	109
SHO-ICHI TSUJIYAMA Effect of vanillin on growth and enzyme production of <i>Lentinula edodes</i> at various stages durig incubation	115